

examining a part of the audio signal to be coded to find another part of the audio signal which substantially corresponds to the part of the audio signal to be coded,

B1
producing a set of predicted signals on the basis of the substantially corresponding part of the audio signal using a set of pitch predictor orders,

determining a coding efficiency for at least one of said predicted signals by using information indicative of said part of the audio signal to be coded, and

using the determined coding efficiency to select a coding method for the part of the audio signal to be coded.

21. (Amended) A data transmission system which comprises means (16, 20) for coding an audio signal, characterized in that the data transmission system also comprises:

B2
means (7, 8) for examining a part of the audio signal to be coded to find another part of the audio signal which substantially corresponds to the part of the audio signal to be coded,

means (9, 10) for using a set of pitch predictor orders to produce a set of predicted signals on the basis of the substantially corresponding part of the audio signal,

means (12) for determining a coding efficiency for at least one of said predicted signals by using information indicative of said part of the audio signal to be coded,

means (12, 13, 14) for using the determined coding efficiency to select a coding method for the part of the audio signal to be coded, and